

Grandview

CombiNation


















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Product Specification

The cleverly thought out open play concept, including the Pegasus, a Tube Slide with transparent windows, a wide Family Slide and a complex rope course with varying degrees of challenge has produced a one-of-a-kind experience. No surprise that this playground attracts thousands of visitors each week.

90.180.329

	Product Family	CombiNation
	Length x Width x Height (m) Length x Width x Height ("")	25,0 x 19,2 x 8,1 81-11 x 63-0 x 26-5
	Protective Surfing Area acc. to DIN EN 1176 (m) Protective Surfing Area acc. to ASTM/CSA (m) Protective Surfing Area acc. to ASTM/CSA ("")	29,4 x 22,5 29,4 x 22,9 96-5 x 74-12
	Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("")	2,99 9-11
	Age	5-12
	Minimum Space required acc. to DIN EN 1176 (m²) Minimum Space required acc. to ASTM 1487 (ft²)	439 5169,3
	Number of Foundations	36
	Concrete Volume C20/C25 (m³) Concrete Volume C20/C25 (ft³)	19,3 690
	Number of skilled Installers required	3
	Installation Time without Foundation	54 hours
	Dimensions of largest Part (m) Dimensions of largest Part ("")	5,5 x 2,2 x 1,1 18-6 x 7-3 x 3-8
	Weight of heaviest Part (kg) Weight of heaviest Part (lbs)	550 1250
	Shipping Volume (m³) Shipping Volume (ft³)	47 1700
	Total Weight (kg) Total Weight (lbs)	6600 14600
	Spare Part Guarantee	Lifelong

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

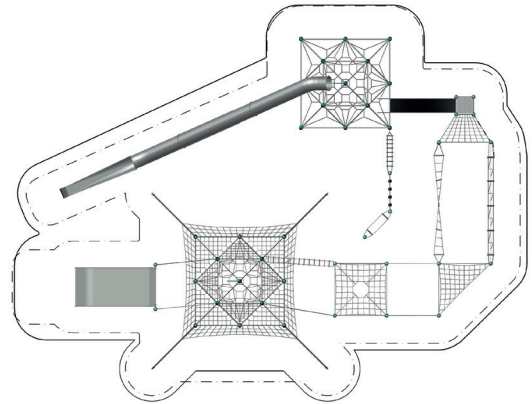
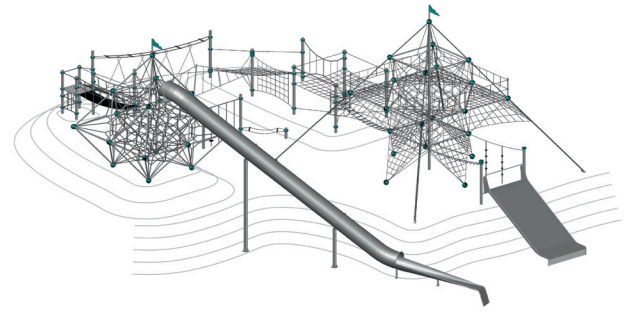
Technical Data

Technical changes are reserved.

The following text can also be used for tenders.

Included Products:

- Pegasus
- Neptun
- Straight Tunnel Slide
- Embankment Slide
- Rubber Bridge
- Platform
- Rocking Plates
- Rubber Hammock
- Layaway Walk
- Inverted Ladder
- Hand-over-Hand Ladder
- Triangular Net
- Net Funnel
- Quad Net Vertical
- Harp Net
- Climbing Rope
- Loop Rope
- Trapeze Net



Pegasus:

Height of more than 7 m (23'). The rope crossing points of the spatial- and planar-nets are localized with durable, drop forged aluminum cloverleaf rings and drop forged aluminum ballknots (no plastic connections). In situ-replaceable rope strands (no special tools required).

Neptun:

Framework® frame with spatial net that provides a maximum of room for playing on a small area. Framework®- steel pipes, Ø 60,3 mm (2 3/8"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Tunnel Slide:

Straight tunnel slide made of stainless steel, smoothed and polished. Connected to the tube at the framework with cast aluminum clamps.

Embankment Slide:

Straight box slide made of stainless steel. The cheeks are welded with stainless steel handrails, afterwards smoothed and polished. Connected to the tube at the framework with cast aluminum clamps.

Rubber Bridge:

Walkway comprised of durable, vandal-resistant conveyor belt material, thickness approx. 9 mm ($\frac{23}{64}$ "). Underlying in situ-replaceable square rungs comprised of stainless steel profile with aluminum end caps. Rope Ø 16 mm (5/8"), rope crossing points localized by durable, drop forged aluminum ballknots (no plastic).

Platform:

Non-skid HPL-panel, thickness 19 mm (3/4"). Connected to steel pipes with cast aluminum panel clamps.

Rocking Plates:

HDPE-disks Ø 200 mm (7 9/10"), milled from 19 mm (3/4") HDPE panels. The edges are rounded. Fixed to the rope Ø 16 mm (5/8") with aluminum ferrules.

Rubber Hammock:

Rope Ø 16 mm (5/8"). Seating membrane comprised of durable, vandal-resistant conveyor belt material. Thickness approx. 9 mm (3/8"). Connected to two swivel joints by Terranos®- clamps.

Layaway Walk:

Zig-zag-shaped suspension bridge, rope Ø 16 mm (5/8"). Durable black polyamide rungs: Ø 40 mm (1 3/5"). Connected to steel post with Terranos®- clamps.

Inverted Ladder:

Folded suspension bridge, rope Ø 16 mm (5/8"). Rungs with durable stainless steel tubes Ø 60,3 (2 3/8"), both ends closed with durable aluminum caps (no wood or plastics), in situ-replaceable.

Hand-over-Hand Ladder:

Rope Ø 16 mm (5/8"), durable round black polyamide rungs, Ø 40 mm (1 3/5").

Planar Nets (Triangular Net and Trapeze Net):

Rope Ø 16 mm (5/8"): mesh size minimum 250 x 250 mm (9 4/5" x 9 4/5"). Rope crossing points localized by durable, drop forged aluminum ballknots (no plastic). Net attachment to the tubes with aluminium pipe clamps, and to the posts with Terranos®- clamps with Frox-connectors.

Vertical Net:

Rope Ø 16 mm (5/8"), vertical planar net. Rope crossing points localized by durable, drop forged aluminum ballknots (no plastic).

Harp Net:

Two bended edge ropes with vertical connection ropes, all ropes Ø 16 mm (5/8"). Connected at four points to steel posts with Terranos®- clamps.

Climbing Rope:

Vertical ropes with durable ebonite cylinders, rope diameter 18 mm (13/16"). Suspended from horizontal rope connected to steel posts. Distance between cylinders approx. 300 mm (11 13/16"), ebonite cylinders are fixed to the rope with aluminum ferrules.

Loop Rope:

Ropes Ø 18 mm (11/16"), size per loop approx. 110 mm (3 15/16") clear diameter. Loops durable fixed to a horizontal rope with aluminum ferrules.

Ropes:

U-Rope®- round strand ropes with galvanized and covered wires. External strands with non-abrasive UV-resistant Polyester-yarn (no Polypropylene), Ø 18 mm (11/16") and Ø 16 mm (5/8").

Posts:

Terranos®- steel pipes Ø 133 mm (5 1/4"), wall thickness 5 - 10 mm (3/16" - 3/8") with a round cast aluminum post top. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Terranos®-Clamps:

Two-part cast aluminum connecting clamps for the height-adjustable connection of rope elements or steel pipes to Terranos® steel posts. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process. Frox-connectors for ropes and Chrox-connectors for chains which are completely enclosed and free from any entrapment risks.

Spheres:

Framework®-aluminum ball connectors, Ø 250 mm (9 13/16"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process. The tensioning ball incorporates an AstemTT® net tensioning system. Securely closed with durable EPDM-caps.